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**IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA**

STATE OF CALIFORNIA, by and through
XAVIER BECERRA, Attorney General, and
the CALIFORNIA AIR RESOURCES
BOARD; and STATE OF NEW MEXICO, by
and through HECTOR BALDERAS, Attorney
General.

Plaintiffs,

V.

RYAN ZINKE, Secretary of the Interior,
JOSEPH R. BALASH, Assistant Secretary for
Land and Minerals Management, United States
Department of the Interior; UNITED STATES
BUREAU OF LAND MANAGEMENT; and
UNITED STATES DEPARTMENT OF THE
INTERIOR.

Defendants.

Case No. 4:18-cv-05712-YGR

(Consolidated with No. 4:18-cv-05984-YGR)

**INTERVENOR-DEFENDANT STATE
OF WYOMING'S NOTICE OF
MOTION AND CROSS MOTION FOR
SUMMARY JUDGMENT AND
RESPONSE TO MOTIONS FOR
SUMMARY JUDGMENT;
MEMORANDUM OF POINTS AND
AUTHORITIES; [PROPOSED]
ORDER**

Date: January 14, 2020
Time: 10:00 a.m.
Judge: Yvonne Gonzalez Rogers

Courtroom 1, 4th Floor
1301 Clay Street, Oakland, CA 94612

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NOTICE OF CROSS-MOTION FOR SUMMARY JUDGMENT

Please take notice that, on January 14, 2020, at 10:00 a.m. before the Honorable Judge Yvonne Gonzalez Rogers, the State of Wyoming will move this Court to enter summary judgment on behalf of the State. This motion is supported by Rule 56 of the Federal Rules of Civil Procedure and the attached Memorandum of Points and Authorities. As set forth in the Memorandum, Wyoming is entitled to summary judgment because the Bureau of Land Management complied with applicable law when it promulgated the following regulation: Waste Prevention, Production Subject to Royalties, and Resource Conservation; Rescission or Revision of Certain Requirements, 83 Fed. Reg. 49184 (Sept. 28, 2018) (hereinafter, the Revision Rule).

MEMORANDUM OF POINTS AND AUTHORITIES

INTRODUCTION

In the last year of the prior administration, the EPA issued regulations that govern methane emissions from new (or essentially new) sources. The EPA, however, declined to issue similar regulations to govern existing sources of methane emissions, despite the fact that such regulation fits squarely within its statutory mandate. For reasons that are unclear, the Bureau took it upon itself to promulgate regulations to govern existing sources of methane emissions, despite the fact that Congress empowered the Bureau of Land Management to address land management issues rather than air quality issues. The Bureau's purported goal in promulgating these regulations was to minimize the waste of methane extracted from public lands, but a cursory review of these regulations and the associated cost-benefit analysis shows that the Bureau's true aim was to reduce greenhouse gas emissions that can contribute to climate change. Indeed, the Obama Administration's own cost-benefit analysis showed that the costs of the rule far exceeded its benefits with regard to the waste of methane. It was only when the agency "cooked the books"

by monetizing the alleged benefits related to global greenhouse gas emissions, an area in which the Bureau has **no** expertise, that the rule appeared to make fiscal sense.

The State of Wyoming challenged the Bureau’s 2016 rule in the United States District Court for the District of Wyoming, arguing that the Bureau exceeded its statutory authority when it promulgated the 2016 rule. Before the district court could rule on the merits, the Bureau issued the Revision Rule, which revised and rescinded portions of the Bureau’s 2016 rule. The agency took these steps because it determined that: (1) the Bureau lacked the statutory authority to promulgate the rule in the first place; and (2) the Bureau’s 2016 cost-benefit analysis was flawed. Here, the State of California and various non-governmental organizations (the Advocacy Groups) take the all-too-familiar “kitchen sink” approach and allege that the Bureau violated a host of statutes by promulgating the Revision Rule. But, as discussed by the federal Defendants and below, the fact that the Bureau blatantly exceeded its statutory authority and improperly manipulated its cost-benefit analysis cannot be denied. Accordingly, this Court should grant summary judgment to the Defendants and uphold the Bureau’s Revision Rule.

BACKGROUND

I. The Bureau's statutory authority over mineral leasing and the public lands

The Bureau's authority over mineral leasing and the public lands flows from three different statutes. First, the Mineral Leasing Act, 30 U.S.C. §§ 181-287, creates "a program to lease mineral deposits for private mining and marketing while preserving federal ownership of lands." *Nat. Res. Def. Council, Inc. v. Berklund*, 609 F.2d 553, 555 (D.C. Cir. 1979) (per curiam). It establishes terms for leasing oil and gas minerals on public land, 30 U.S.C. § 226(d), (e), and prohibits leasing of wilderness land, *id.* § 226-3. It authorizes the Secretary of Interior to: lease all other public land for oil and gas development, *id.* § 223, 226(a); regulate surface-disturbing activities, *id.* § 226(g); and establish cooperative development plans to conserve oil and gas

1 resources, *id.* § 226(m). The Mineral Leasing Act requires lessees to “use all reasonable
 2 precautions to prevent waste of oil or gas developed in the land.”¹ 30 U.S.C. § 225. Moreover,
 3 “Each lease shall contain provisions for the purpose of insuring the exercise of reasonable
 4 diligence, skill and care in the operation of said property” and “a provision that such rules … for
 5 the prevention of undue waste as may be prescribed by said Secretary shall be observed.” 30
 6 U.S.C. § 187. To meet these objectives, Congress granted the Secretary the power to “prescribe
 7 necessary and proper rules and regulations and to do any and all things necessary to carry out and
 8 accomplish the purposes of this [Act].” 30 U.S.C. § 189.

10 Second, “the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA), 30
 11 U.S.C. 1751, creates a thorough system for collecting and accounting for federal mineral
 12 royalties.” *Wyoming v. U.S. Dep’t of the Interior*, No. 2:16-CV-0285-SWS, 2017 U.S. Dist.
 13 LEXIS 5736, at *23 (D. Wyo. Jan. 16, 2017). In addition to requiring the payment of royalties on
 14 minerals that make their way to market, the Act provides that, “[a]ny lessee is liable for royalty
 15 payments on oil or gas lost or wasted from a lease site when such loss or waste is due to
 16 negligence on the part of the operator of the lease, or due to the failure to comply with any rule or
 17 regulation, order or citation issued under this Act or any mineral leasing law.” 30 U.S.C. § 1756.
 18 Again, Congress authorized the Secretary to “prescribe such rules and regulations as he deems
 19 reasonably necessary to carry out this Act.” 30 U.S.C. § 1751.

20 Finally, the Federal Land Policy and Management Act (FLPMA), 43 U.S.C.
 21 §§ 1701-84, governs the Bureau’s management of the public lands. At its core, “FLPMA is a
 22 planning statute.” George Cameron Coggins, *The Developing Law of Land Use Planning on the*
 23 *Federal Lands*, 61 U. Colo. L. Rev. 307, 325 (1990). FLPMA charges the Bureau with managing

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 26 1 “Waste of oil or gas means any act or failure to act by the operator that is not sanctioned by the
 27 authorized officer as necessary for proper development and production and which results in: (1) A
 28 reduction in the quantity or quality of oil and gas ultimately producible from a reservoir under
 prudent and proper operations; or (2) avoidable surface loss of oil or gas.” 43 C.F.R. § 3160.0-5.

1 public land for multiple uses and sustained yield of natural resources through routine planning
 2 and inventorying of land and uses. 43 U.S.C. §§ 1702(c), (h), 1711-12. The “main thrust” of
 3 FLPMA is to ensure that management actions conform to management plans. Coggins, 61 U.
 4 Colo. L. Rev. at 324.

5 Congress declared thirteen policies in FLPMA governing the management of the public
 6 lands, which expand upon the “deceptively simple” multiple use mandate. 43 U.S.C. § 1701(a);
 7 *Norton v. S. Utah Wilderness All.*, 542 U.S. 55, 58 (2004). Those policies direct the Bureau to
 8 manage “the public lands … in a manner which recognizes the Nation’s need for domestic sources
 9 of minerals, food, timber, and fiber,” as well as the protection of “scientific, scenic, historical,
 10 ecological, environmental, air and atmospheric, water resource, and archeological values[.]” 43
 11 U.S.C. §§ 1701(a)(8), (12), 1702(c). In pursuit of this general purpose, Congress authorized the
 12 Bureau to “prevent unnecessary or undue degradation of the lands” and to promulgate regulations
 13 “to carry out the purposes of this Act.” 43 U.S.C. §§ 1732(b), 1733(a), 1740.

14 FLPMA further provides that in the development and revision of land use plans, the
 15 Secretary shall “provide for compliance with applicable pollution control laws, including State
 16 and Federal air, water, noise, or other pollution standards or implementation plans.” 43 U.S.C. §
 17 1712(c)(8). Similarly, the Bureau’s regulations provide that land use authorizations shall contain
 18 terms and conditions which shall “[r]equire compliance with air and water quality standards
 19 established pursuant to applicable Federal or State law[.]” 43 C.F.R. § 2920.7(b)(3).

20 None of these statutes authorize the Bureau to regulate the emission of greenhouse gases.
 21 Nor is the prevention or mitigation of global climate change one of the purposes of any of these
 22 acts. The only mention of air quality standards in these Acts comes in FLPMA, where Congress
 23 directed the Bureau to comply with applicable pollution control laws enforced by other state and
 24 federal agencies, such as the EPA and Wyoming’s Department of Environmental Quality.

1 **II. The states' and the EPA's authority to regulate air emissions from oil and gas**
 2 **operations**

3 When it passed the Clean Air Act, Congress designated the EPA as the agency responsible
 4 for regulating air emissions that contribute to climate change. *See Massachusetts v. EPA*, 549
 5 U.S. 497, 528 (2007). In contrast to the Bureau's authority, Congress expressly delegated
 6 authority to the states and the EPA to "protect and enhance the quality of the Nation's air
 7 resources so as to promote the public health and welfare and productive capacity of its
 8 population." 42 U.S.C. § 7401(b)(1). Among other things, the EPA is responsible for setting
 9 health-based ambient air quality standards for six criteria pollutants, including ozone and nitrogen
 10 oxides. 42 U.S.C. § 7408.

12 After EPA sets the ambient air quality standards, each state is required to develop a state
 13 implementation plan, which is a collection of laws, regulations, and other enforceable
 14 mechanisms to control emissions of specific pollutants from in-state sources. 42 U.S.C. § 7410;
 15 *Train v. Nat. Res. Def. Council*, 421 U.S. 60, 79 (1975). The EPA must approve each state
 16 implementation plan if it contains certain minimum requirements, which effectively converts the
 17 contents of the state implementation plan into federal law, enforceable by the state, the EPA, a
 18 private citizen, or even by another federal agency. *Espinosa v. Roswell Tower, Inc.*, 32 F.3d 491,
 19 492 (10th Cir. 1994) ("The state implementation plan has the force and effect of federal law[.]");
 20 42 U.S.C. § 7413(b)(1) (explaining the process by which the EPA may enforce violations of a
 21 state implementation plan); 42 U.S.C. § 7604 (explaining the process by which any "person" may
 22 enforce violations of a state implementation plan); and 42 U.S.C. § 7602 (defining "person" to
 23 include, among other things, states and federal agencies). Wyoming and other states affected by
 24 the Revision Rule have federally-approved state implementation plans that include oil and gas
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 28

1 permitting programs. *E.g., Rules Wyo. Dep't of Envtl. Quality, Air Quality*, ch. 6, § 2; 40 C.F.R. §
 2 52.2620, subpart ZZ.²

3 Congress thus established a process by which the EPA sets certain air pollution standards,
 4 each state uses localized knowledge to develop appropriate control regimes for industry within its
 5 borders, and the EPA strengthens those air pollution control regimes by making them federally
 6 enforceable by a large group of diverse state, federal, and private actors. *See, e.g., Utah*
 7 *Physicians for a Healthy Env't v. Kennecott Utah Copper*, 191 F. Supp. 3d 1287, 1292 (D. Utah
 8 2016).

9 In addition to serving in this cooperative leadership role to safeguard national ambient air
 10 quality, the EPA also develops standards of performance for specified categories of air pollution
 11 sources that the agency determines should be regulated to protect public health. 42 U.S.C. §
 12 7411(b)(1)(A). Similar to state implementation plans, citizens and other interested parties also
 13 may bring citizen suits to enforce repeated or ongoing violations of new source performance
 14 standards. 42 U.S.C. § 7604; *United Steelworkers of Am. v. Or. Steel Mills*, 322 F.3d 1222, 1227
 15 (10th Cir. 2003). The Clean Air Act defines “standards of performance” as “standard[s] for
 16 emissions of air pollutants which reflect[] the degree of emission limitation achievable through
 17 the application of the best system of emission reduction which (taking into account the cost of
 18 achieving such reduction and any nonair quality health and environmental impact and energy
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22
 23 ² Under Wyoming’s federally enforceable permitting program, owners and operators must use the
 24 best available control technology (BACT) at all minor sources. BACT is an individualized
 25 approach to permitting that enables air pollution control agencies to make specific control
 26 determinations based on a dollar per ton basis, taking “into account energy, environmental, and
 27 economic impacts and other costs associated with application of alternative control systems.”
 28 Letter from David G. Hawkins, EPA Assistant Administrator for Air, Noise, and Radiation, to
 Regional Administrators, I-X (January 4, 1979), available at
<https://www.epa.gov/sites/production/files/2015-07/documents/bactupsd.pdf> (last visited Aug. 2,
 2019); *see also* 42 U.S.C. § 7479(3) and *Rules Wyo. Dep't of Envtl. Quality, Air Quality*, ch. 6, §
 2(c)(v).

1 requirements) the Administrator determines has been adequately demonstrated.” 42 U.S.C. §
 2 7411(a)(1).

3 To determine whether a system of emission reduction has been adequately demonstrated,
 4 the EPA looks to controls required by states to establish a national floor for controls. *Sierra Club*
 5 *v. Costle*, 657 F.2d 298, 331 (D.C. Cir. 1981). For example, Wyoming has issued, and frequently
 6 updates, an interpretive policy that describes presumptive best available control technology for
 7 minor oil and gas production facilities. Wyo. Stat. Ann. § 35-11-801(e); *Oil and Gas Production*
 8 *Facilities*, Chapter 6, Section 2 Permitting Guidance (last revised August 2018).³ The EPA relied
 9 on this non-binding interpretive guidance, and the knowledge of the permit writers who created it,
 10 when drafting new source performance standards for oil and gas production facilities. Indeed,
 11 requirements in the Bureau’s 2016 rule also derived from Wyoming’s guidance. *Compare, e.g.*,
 12 Waste Prevention, Production Subject to Royalties, and Resource Conservation, 81 Fed. Reg.
 13 83008, 83086-87 (Nov. 18, 2016) (detailing 43 C.F.R. § 3179.204 (2016)), *with Rules Wyo. Dep’t*
 14 *of Envtl. Quality, Air Quality*, ch. 6, § 2 (both sections require analogous best management
 15 practices and recordkeeping for downhole well maintenance and liquids unloading).

16 The EPA has clear authority to regulate air emissions from oil and gas production. The
 17 Clean Air Act establishes a three-step process whereby the EPA first lists a source category, then
 18 develops new source performance standards for the listed source category, and finally develops a
 19 procedure for states to follow in developing plans to control emissions from existing sources. 42
 20 U.S.C. §§ 7411(b)(1)(A), (B), and (d)(1). Even before the EPA begins the third step, states may
 21 request concurrent enforcement authority over the new source performance standards.
 22 *Id.* at § 7411(c).

23 ³ Available at http://deq.wyoming.gov/media/attachments/Air%20Quality/Rule%20Development/Proposed%20Rules%20and%20Regulations/2018_Oil%20and%20Gas%20Guidance.pdf

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1 Although Congress gave the EPA the power to do so decades earlier, the EPA did not
 2 undertake step one of the process to regulate emissions from oil and gas production facilities until
 3 2012,⁴ basing its standards largely on the work of regulators in Wyoming and Colorado. *New*
 4 *Source Performance Standards and National Emission Standards for Hazardous Air Pollutants*
 5 *Reviews*, 77 Fed. Reg. 49490 (Aug. 16, 2012); *see also* Jana B. Milford, *Out in Front? State and*
 6 *Federal Regulation of Air Pollution Emissions from Oil and Gas Production Activities in the*
 7 *Western United States*. 55 Nat. Resources J. 1 (Fall 2014) (“The [EPA] did not adopt emission
 8 standards for most oil and gas production activities until 2012, when it relied on Colorado and
 9 Wyoming as proving grounds for control technology.”). As part of President Obama’s “Climate
 10 Action Plan: Strategy to Reduce Methane Emissions,” the EPA updated those standards to control
 11 methane emissions from new (or essentially new) sources, in addition to controlling emissions of
 12 volatile organic compounds and sulfur dioxide. *See Emission Standards for New, Reconstructed,*
 13 *and Modified Sources*, 81 Fed. Reg. 35824 (June 3, 2016) (codified at 40 C.F.R. §§ 60.5360a
 14 through 60.5432a, referred to as “Quad Oa” for its location in the Code of Federal Regulations).
 15 In response, Wyoming adopted Quad Oa into the Wyoming Air Quality Rules, and EPA then
 16 delegated to Wyoming concurrent enforcement authority over those standards. *Rules Wyo. Dep’t*
 17 *of Env’tl. Quality, Air Quality*, ch. 5, § 2; *see also* Letter from EPA Region 8, Air Program
 18 Director, to Wyoming Air Quality Division Administrator, *Regarding Automatic Delegation of*
 19 *Clean Air Act (CAA) Section 111 Requirements* (February 27, 2014) (on file with the Division).

20 EPA began the third step of the statutory process by seeking information about
 21 “monitoring, detection of fugitive emissions, and alternative approaches in the oil and natural gas
 22

23 ⁴ The EPA first listed crude oil and natural gas production in 1979, but the initial new source
 24 performance standards, issued in 1985, applied to midstream sources such as gas plants and
 25 compressor stations, not to individual well sites. *Priority List and Additions to the List of*
 26 *Categories of Stationary Sources*, 44 Fed. Reg. 49222 (Aug. 21, 1979); 40 C.F.R. § 60, subparts
 27 KKK and LLL.

1 sector.” *Request for Information, Emerging Technologies*, 81 Fed. Reg. 46670 (July 18, 2016).
 2 The EPA intended this request to be a predicate to the issuance of a regulation limiting air
 3 pollutants, including methane, from existing sources in the oil and natural gas extraction industry.
 4 *Id.* at 46671 (“This additional information may be key in addressing emissions from existing oil
 5 and natural gas sources under section 111(d) of the Clean Air Act.”). In 2017, however, the EPA
 6 withdrew that request to assess the need for the requested information and to avoid undue burden
 7 to industry. *Notice Regarding Withdrawal of Obligation to Submit Information*, 82 Fed. Reg.
 8 12817 (Mar. 7, 2017) (“The withdrawal is occurring because EPA would like to assess the need
 9 for the information that the agency was collecting through these requests, and reduce burdens on
 10 businesses while the Agency assesses such need.”).

11
 12 In sum, there are state and federal regulations in place governing air emissions, including
 13 the emission of greenhouse gases, from **new** sources in the oil and natural gas sector, but the EPA
 14 has so far chosen not to promulgate regulations governing these emissions from **existing** sources,
 15 despite having the statutory authority to do so.

16
III. Overview of the 2016 Rule

17
 18 The Bureau promulgated its so-called Waste Prevention rule on November 18, 2016. 81
 19 Fed. Reg. 83008 (Nov. 18, 2016). The Bureau claimed that the rule was necessary because
 20 several oversight reviews raised concerns about waste gas from federal and Indian oil and gas
 21 production, and because there are “economical, cost-effective, and reasonable measures that
 22 operators can take to minimize gas waste.” *Id.* at 83009.

23
 24 A variety of chemical compounds are released to the atmosphere during oil and gas
 25 production, through both controlled and uncontrolled processes. Leaking or malfunctioning
 26 equipment results in uncontrolled emissions. Emissions also occur when operators proactively
 27 vent or flare gas that would otherwise remain inside piping, equipment, and tanks. *Wyoming*,
 28

1 2017 U.S. Dist. LEXIS 5736, at *7-8. Operators may release emissions to relieve excessive
 2 pressure buildup for safety reasons. *Id.* at 8. Operators may also vent or flare otherwise saleable
 3 gas in the absence of infrastructure to transport the gas to market. *Id.*

4 Emissions that occur through leaking and venting are transformed into different emissions
 5 when flared. For waste minimization and resource conservation purposes, no difference exists
 6 between eliminating excess methane by burning it or leaking it – the same amount is wasted in
 7 either event. But there **is** a difference for air quality purposes. For air quality control agencies, the
 8 choice between venting or flaring is an opportunity to choose between different general sets of
 9 pollutants, based on comparative local and regional air quality concerns. Flaring methane changes
 10 it from a potent greenhouse gas with global impacts into nitrogen oxides, which can trigger
 11 localized ozone formation. Thus, a regulatory preference for flaring over venting prioritizes
 12 global climate change over regional ozone control without changing the amount of natural gas
 13 that is wasted.

14 The Bureau purportedly designed its 2016 rule to: (1) reduce the waste of methane from
 15 oil and natural gas production activities on federal and Indian land; and (2) regulate air quality by
 16 controlling emissions from existing sources. 81 Fed. Reg. at 83009 (“Flaring, venting, and leaks
 17 waste a valuable resource [and] the wasted gas may harm local communities and surrounding
 18 areas [] and [contribute to] regional and global air pollution problems of [] climate change.”). The
 19 rule applied to all existing oil and gas production facilities that either produce federal oil and gas
 20 or are combined for accounting purposes with facilities that do. (WPRR_AR_000940). Thus,
 21 under the 2016 rule, a well that produces state minerals that is combined with at least one federal
 22 well for royalty accounting purposes needed to comply with the entirety of the rule. *See* 43 C.F.R.
 23 § 3217.11 (explaining the royalty accounting purposes for communitization agreements).

1 The 2016 rule modified the Bureau’s regulations for the three stages of oil and gas
 2 production – pre-drilling, drilling, and production. At the pre-drilling stage, the rule required
 3 operators to submit waste minimization plans along with applications for permits to drill.
 4 43 C.F.R. § 3162.3-1. The rule generally banned venting and limits flaring during drilling, well-
 5 completion and related operations, and initial production testing. 81 Fed. Reg. at 83084 (detailing
 6 43 C.F.R. § 3179.101 through 3179.104 (2016)). However, the rule authorized royalty-free flaring
 7 and venting for a 24-hour period during specified “emergency conditions.” *Id.* (detailing 43
 8 C.F.R. § 3179.105 (2016)).

10 During both drilling and production stages, the 2016 rule banned venting, limited flaring,
 11 and established new recordkeeping and reporting requirements. *Id.* at 83082-83 (detailing
 12 43 C.F.R. §§ 3179.6 through 3179.9 (2016)). The proposed rule described the flaring limit as a
 13 well-specific numeric limit, but the final rule described the flaring limit as a “capture
 14 requirement,” which is still a numeric limit calculated on a well-specific basis. *Id.* (detailing 43
 15 C.F.R. § 3179.7 (2016)). Operators could comply with the limit by averaging results across
 16 multiple wells. *Id.* This preference for flaring over venting, which has nothing to do with waste
 17 prevention and everything to do with greenhouse gas emissions, was the *sine qua non* of the
 18 Bureau’s 2016 rule and the origin of its well-known nickname – the Venting and Flaring Rule.
 19

20 In the proposed rule, the Bureau explained that flaring is preferable to venting because
 21 leaked methane contributes to global climate change, while burned methane does not. (*See, e.g.*,
 22 WPRR_AR_001003). But the Bureau did not explain why the preference for flaring over venting
 23 matters for waste prevention. *See, e.g., id.* In the final rule, the Bureau attempted to assert that the
 24 addition of an averaging scheme, derived from North Dakota’s state regulations, transforms the
 25 preference for flaring into a “waste prevention” mechanism. (WPRR_AR_000924)). But the same
 26 amount of methane is wasted if it is burned or vented, no matter how rates are averaged.
 27

1 The Venting and Flaring Rule imposed a host of equipment-specific requirements
2 applicable to all oil and gas wells, including existing wells. 81 Fed. Reg. at 83085-86 (detailing
3 43 C.F.R. §§ 3179.201 through 3179.203 (2016)). These requirements applied to pneumatic
4 controllers, pneumatic diaphragm pumps, and storage tanks. *Id.* Each section required operators
5 to either replace older models of the specified equipment, flare, or otherwise eliminate associated
6 emissions, whether by capture, reinjection, or productive use on-site. *Id.* Notably, the
7 requirements for these types of equipment referenced the EPA's new source performance
8 standards. *See* 40 C.F.R. § 60.5390 (older requirements for pneumatic controllers), 40 C.F.R. §
9 60.5395 (older requirements for storage vessels), 40 C.F.R. § 60.5390a (newer requirements for
10 pneumatic controllers), 40 C.F.R. § 60.5393a (newer requirements for pneumatic pumps), and 40
11 C.F.R. § 60.5395a (newer requirements for storage vessels).
12

13 The Venting and Flaring Rule also established leak detection and repair requirements for
14 all well-sites. Similar to the equipment-specific requirements, this section referenced the EPA's
15 new source performance standards and clarified that the requirements contained in those
16 regulations are also applicable to well sites that are not subject to the EPA's new source
17 performance standards but would be subject to existing source performance standards, if
18 promulgated. 81 Fed. Reg. at 83087-89 (detailing 43 C.F.R. §§ 3179.301 through 3179.305
19 (2016)).
20

21 Thus, a significant portion of the Venting and Flaring Rule directly regulated the emission
22 of greenhouse gases. The Bureau intentionally cross-referenced both new source performance
23 standards developed by the EPA and EPA's then-nascent existing source regulatory process to
24 avoid redundancy with EPA requirements. (*See, e.g.*, WPRR_AR_001003 and
25 WPRR_AR_001011)). In other words, the Bureau "hijacked the EPA's authority under the guise
26 of waste management." *Wyoming*, 2017 U.S. Dist. LEXIS 5736, at *29.
27

1 The Bureau admitted that climate change was a significant driver of the Venting and
2 Flaring Rule because methane, in addition to being a saleable federal mineral, is also a potent
3 greenhouse gas. (*See, e.g.*, WPRR_AR_000910). According to the Bureau, greenhouse gas
4 emissions “have negative climate, health, and welfare impacts” that “imposes costs to society that
5 are not reflected in the market price of the gas.” (WPRR_AR_001070). It referred to “[t]hese
6 uncompensated costs to society” as “negative externalities.” *Id.* The agency then concluded that,
7 “[s]everal market inefficiencies occur when society, rather than the producer, bears the costs of
8 pollution damage.” (*Id.*). But the Bureau has no statutory mandate to cure “market inefficiencies.”
9

10 The Bureau also performed a cost-benefit analysis of the Venting and Flaring Rule.
11 (WPRR_AR_001063-001229). It acknowledged that the rule would “require operators to incur
12 costs to reduce flaring, replace outdated equipment, [] and administer these programs.”
13 (WPRR_AR_001071). The Bureau estimated that the rule would impose costs of about \$114- 279
14 million per year or \$110-275 million per year depending on the discount rate. *Id.* It then
15 considered the benefits of the rule which included “the cost savings the industry will receive from
16 the recovery and sale of natural gas, and the environmental benefits of reducing the amount of
17 greenhouse gases [] and other air pollutants released into the atmosphere.” (WPRR_AR_001072).
18 The Bureau found that the cost saving to industry from the recovery of additional natural gas
19 would be \$20-157 million per year. *Id.* But it valued the environmental benefits of the rule using a
20 global social cost of methane analysis at \$189-247 million per year. *Id.*
21
22

23 Thus, the 2016 rule only resulted in a net benefit if the ancillary benefits to global climate
24 change were considered a relevant variable in the cost-benefit analysis. Without these ancillary
25 benefits the costs of the rule would likely have more than doubled the benefits every year.
26
27

1 **IV. The Legal Challenge to the Venting and Flaring Rule**

2 Shortly after the Bureau finalized the Venting and Flaring Rule, Wyoming, other states,
 3 and several non-governmental organizations challenged the rule in the United States District
 4 Court for the District of Wyoming. The district court heard and subsequently denied motions for a
 5 preliminary injunction, and the Venting and Flaring Rule went into effect on January 18, 2017.
 6 *Wyoming*, 2017 U.S. Dist. LEXIS 5736, at *42-43. But in its opinion denying emergency relief,
 7 the district court expressed significant reservations about the Bureau's rationale for the Venting
 8 and Flaring Rule, casting doubt on the Bureau's assertion that the Venting and Flaring Rule "is
 9 foremost a waste prevention regulation that simply has incidental benefits to air quality[.]" *Id.* at
 10 *30. The district court recognized that "[t]he rub here [] is whether the Rule, or at least certain
 11 provisions of the Rule, was promulgated *for the prevention of waste* or instead for the *protection*
 12 *of air quality*, which is expressly within the 'substantive field' of the EPA and states pursuant to
 13 the Clean Air Act." *Id.* at *24 (emphasis in original). "The Court [did] not agree with BLM's
 14 suggestion that FLPMA grants it broad authority to promulgate its own regulations directed at air
 15 quality control[, because] [a]t its core, FLPMA is a land use planning statute." *Id.* at *25 n.7.
 16

17 In particular, the district court expressed concerns about the Bureau's cost-benefit analysis
 18 underlying the Venting and Flaring Rule. *Id.* at *31-34. "Taking at face value BLM's assertion
 19 that the Rule 'aims to reduce the waste of natural gas,' the cost-benefit analysis should have been
 20 considered primarily in terms of waste prevention and not air pollution." *Id.* at *31-32. But the
 21 Bureau did not do this. "Instead, the BLM appear[ed] to be propping up the benefits of the Rule
 22 in air quality terms." *Id.* at *32.

23 The BLM estimates the net benefits of the Rule outweigh its costs by "a significant
 24 margin," producing net benefits ranging from \$46 million to \$204 million per year
 25 depending on the discount rate used. Again, depending on the discount rate used,
 26 BLM estimates costs (largely for engineering compliance) will range from \$110
 27 million to \$279 million per year. BLM estimates the Rule will result in monetized
 28 benefits of \$209-\$403 million per year. Of the total benefits, however, \$189-\$247

1 million is attributable to the environmental benefit of reducing the amount of
 2 methane released into the atmosphere, and the remainder of \$20-\$157 million to
 3 the costs savings that industry will receive from the recovery and sale of natural
 4 gas. Thus, the Rule only results in a “net benefit” if the “social cost of methane” is
 5 allowed to be factored into the analysis.

6 The Court questions whether the “social cost of methane” is an appropriate factor
 7 for BLM to consider in promulgating a resource conservation rule pursuant to its
 8 [Mineral Leasing Act] authority. Moreover, it appears the asserted cost benefits of
 9 the Rule are predominately based upon the emission reductions, which is outside
 10 of BLM’s expertise, and not attributable to the purported waste prevention purpose
 11 of the Rule. The question then becomes whether the Rule is arbitrary and
 12 capricious because it imposes significant costs to achieve de minimis benefits.

13 *Id.* at *32-34. Significantly, the district court did not issue a definitive ruling on this issue.
 14 Instead, the court noted its concerns and left it to the merits stage for further deliberation. *Id.* at
 15 *33-34. The district court never reached the merits stage of the litigation, however, because the
 16 current administration took steps to delay and eventually revise the Venting and Flaring Rule.

17 V. The Revision Rule

18 On September 28, 2018, the Bureau revised and rescinded selected portions of the Venting
 19 and Flaring Rule. 83 Fed. Reg. 49184 (Sept. 28, 2018). The Bureau detailed “several compelling
 20 reasons for modifying the requirements” of the Venting and Flaring Rule. *Id.* at 49185. Two are
 21 notable for the purposes of this brief.

22 First, the Bureau determined that certain aspects of the Venting and Flaring Rule
 23 “exceeded the BLM’s statutory authority to regulate for the prevention of ‘waste’ under the
 24 Mineral Leasing Act[.]” *Id.* Accordingly, “[i]n its revision of the [Venting and Flaring Rule], the
 25 BLM [] sought to ensure that its regulations are justified as waste-prevention measures under the
 26 BLM’s MLA authority and do not usurp the Clean Air Act authority of the EPA, the States, and
 27 tribes.” *Id.* at 49186. Second, the Bureau determined that the portions of the Venting and Flaring
 28 Rule’s requirements imposed compliance costs that exceeded the rule’s benefits. *Id.*

The Bureau retained and improved other aspects of the Venting and Flaring Rule in order to discourage excessive venting and flaring. 83 Fed. Reg. at 49184. The agency achieved this by “placing volume and/or time limits on royalty-free venting and flaring during production testing, emergencies, and downhole well maintenance and liquids unloading.” *Id.* The Bureau also retained provisions that “incentivize the beneficial use of gas by making gas used for operations and production purposes royalty free.” *Id.*

ARGUMENT

I. Standard of Review

The State of Wyoming adopts and incorporates by reference the Standard of Review provided by the federal Defendants.⁵ (ECF_127 at 8-9).

II. The Bureau provided a reasonable explanation for the Revision Rule.

As discussed in the federal Defendants' Memorandum in Support, the Bureau complied with applicable law when it promulgated the Revision Rule. *Id.* at 9-60. Below, the State of Wyoming discusses two of the Bureau's most important justifications for issuing the Revision Rule: (A) the Bureau's lack of statutory authority to promulgate many aspects of the Venting and Flaring Rule in the first place; and (B) the flawed 2016 cost-benefit analysis. Wyoming otherwise limits itself to adopting and incorporating the federal Defendants' arguments by reference.

A. The Bureau exceeded its statutory authority when it promulgated the Venting and Flaring Rule.

The Bureau has clear statutory authority to promulgate rules to minimize the waste of federal minerals, including methane, under the Mineral Leasing Act and FOGRMA. *Wyoming*, 2017 U.S. Dist. LEXIS 5736, at *23. But the Bureau has **no** authority to promulgate air quality

⁵ In order to avoid duplication and to respect the page limitations imposed on Wyoming by this Court, the State will adopt and incorporate by reference portions of the federal Defendants' Memorandum in Support to the extent practicable.

1 regulations to minimize the emission of methane or other greenhouse gases under either of these
 2 statutory regimes or FLPMA. *Id.* at *25 n.7. The Bureau's authority to promulgate regulations
 3 under each of these statutes is limited to regulations that are necessary to carry out the purposes of
 4 those acts. *See* 30 U.S.C. §§ 189 and 1751; 43 U.S.C. § 1740. Minimizing greenhouse gas
 5 emissions to combat global climate change is not one of the purposes of **any** of those acts. Thus,
 6 although the Bureau has the authority to promulgate a waste minimization rule with venting and
 7 flaring components specifically tailored to minimize methane waste, it did not have the authority
 8 to promulgate the Venting and Flaring Rule, large portions of which were transparently designed
 9 in an attempt to address aspects of climate change, not waste minimization. Accordingly, the
 10 Bureau was justified in promulgating the Revision Rule.

12 Even a cursory review of the Venting and Flaring Rule shows that climate change
 13 concerns predominate over the resource conservation components. The Bureau's true purpose in
 14 promulgating the rule is evident from the insertion of what are essentially existing source
 15 performance standards into the rule, with explicit reference to the EPA's requirements. Indeed,
 16 the Bureau candidly admitted that one of the purposes of the rule, and its primary benefit, was the
 17 regulation of greenhouse gases by controlling their emission from existing sources.
 18 (WPRR_AR_000991). Similarly, the Venting and Flaring Rule's preference for flaring over
 19 venting belies the predominant purpose of the rule because the same amount of waste occurs
 20 either way. The Bureau tried to distinguish venting and flaring by creating a complex averaging
 21 scheme, but the root of the preference for flaring over venting lies in air quality, not in waste
 22 minimization.

25 "[A]n agency may not bootstrap itself into an area in which it has no jurisdiction." *Fed.*
 26 *Mar. Comm'n v. Seatrail Lines, Inc.*, 411 U.S. 726, 745 (1973). But that is precisely what the
 27 Bureau did in 2016. Thus, even though the Venting and Flaring Rule contained some waste-

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1 specific components, the rule itself was so thoroughly dominated by air quality requirements that
 2 the Bureau was fully justified in rescinding the offending portions via the Revision Rule.

3 The Advocacy Groups disagree and point to prior statements by the Bureau regarding its
 4 statutory authority. (ECF_108; ECF_109). For example, in the Venting and Flaring Rule, the
 5 Bureau claimed that, as a land management agency, it had “the authority to regulate air quality
 6 and [greenhouse gas emissions] on and from public lands pursuant to FLPMA.”
 7 (WPRR_AR_000956). But nothing in FLPMA empowers the Bureau to regulate air quality.
 8 43 U.S.C. § 1702(c) and (h). That responsibility belongs to state air pollution control agencies and
 9 the EPA under the Clean Air Act. 42 U.S.C. § 7401(a)(3). FLPMA merely requires the Bureau to
 10 require lessees to **comply** with applicable air pollution control laws. 43 U.S.C. § 1712(c)(8). It
 11 does not allow the Bureau to create its own air pollution regulations universally applicable on all
 12 federal land. Thus, the Bureau’s attempt to justify the air quality components of the Venting and
 13 Flaring Rule under its FLPMA authority was misplaced.
 14

16 Similarly, the Mineral Leasing Act and the FOGRMA “create a program for leasing
 17 mineral deposits on federal land” and “a system for collecting and accounting for federal mineral
 18 royalties.” *Wyoming*, 2017 U.S. Dist. LEXIS 5736, at *21, *23. “The purpose of the [Mineral
 19 Leasing Act] is to promote the orderly development of oil and gas deposits in publicly owned
 20 lands of the United States through private enterprise.” *Geosearch, Inc. v. Andrus*, 508 F. Supp.
 21 839, 842 (D. Wyo. 1981) (internal citations omitted). “The terms of the [Mineral Leasing Act]
 22 and FOGRMA make clear that Congress intended the Secretary, through the [Bureau], to exercise
 23 its rulemaking authority to prevent the waste of federal and Indian mineral resources and to
 24 ensure the proper payment of royalties to federal, state, and tribal governments.” *Wyoming*, 2017
 25 U.S. Dist. LEXIS 5736, at *23. Neither of these statutory regimes were enacted to address global
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1 climate change or purport to authorize the Bureau to promulgate air pollution regulations. The
 2 Bureau correctly recognized this when it promulgated the Revision Rule.

3 The Bureau was created to manage federal land, which includes an array of
 4 responsibilities. Mineral development is unquestionably one of the more important
 5 responsibilities allocated to the Bureau. “[A] review of all legislation dealing with use of public
 6 lands shows the serious concern of Congress over mineral development.” *Mountain States Legal*
 7 *Found. v. Andrus*, 499 F. Supp. 383, 394 (D. Wyo. 1980) (internal citations omitted). “The
 8 Mineral Leasing Act was intended to promote wise development of natural resources and to
 9 obtain for the public reasonable financial returns on assets belonging to the public.” *Id.* at 392.
 10 But while the Bureau has great responsibility over federal lands, its authority is not unlimited, and
 11 it does not extend to every problem the nation faces. “Even under *Chevron*’s deferential
 12 framework, agencies must operate ‘within the bounds of reasonable interpretation.’” *Util. Air*
 13 *Regulatory Grp. v. EPA*, --- U.S. ---, 134 S. Ct. 2427, 2442 (2014) (citation omitted).

14 Congress chose the EPA and the states to occupy the field of air quality regulation, which
 15 includes air emissions that may contribute to climate change. The fact that the EPA chose not to
 16 act on this topic did not open the field for the Bureau. No matter how serious a problem may be,
 17 the Administrative State cannot decide to act without Congressional authorization. Accordingly,
 18 the Bureau acted properly when it rescinded those aspects of the Venting and Flaring Rule that
 19 exceeded the Bureau’s statutory authority. This Court should grant the Defendants’ motions for
 20 summary judgment as a result.

21 **B. No statute required the Bureau to consider the global “Social Cost of
 22 Methane” in its cost-benefit analysis.**

23 In addition to the Bureau’s lack of statutory authority to promulgate much of the Venting
 24 and Flaring Rule, the Bureau also justified the Revision Rule on the grounds that the costs of the
 25 Venting and Flaring Rule’s provisions outweighed its benefits. (ECF_123 at 38-49). The State of
 26

California and the Advocacy Groups disagree, arguing that the Bureau’s cost-benefit analysis is flawed because it does not incorporate the **global** “Social Cost of Methane.” (ECF_108 at 24-28; ECF_109 at 21-24). The Bureau responds by arguing that it properly limited the scope of its analysis by incorporating the **domestic** “Social Cost of Methane.” (ECF_123 at 39-44). Both sides have it wrong. Because the Bureau lacks the statutory authority to regulate air emissions and climate change, the agency should not have relied upon **any** “Social Cost of Methane” tool as part of its cost-benefit analysis. As discussed below, the Bureau cannot rely upon ancillary climate change benefits to justify its waste prevention regulations. And because Congress did not authorize the Bureau to regulate greenhouse gas emissions, any benefits related to those emissions must be ancillary.

Accordingly, the “global” versus “domestic” argument is irrelevant. It is indisputable that the costs of the Venting and Flaring Rule far outweigh its waste prevention benefits when ancillary benefits are removed from the equation. That alone justifies the Revision Rule. But even if one does consider the domestic “Social Cost of Methane,” as the Bureau did, the Revision Rule remains justified, as the costs of the Venting and Flaring Rule **still** exceed its benefits.

1. The Bureau could not, and should not, have considered the ancillary, greenhouse gas benefits of the Venting and Flaring Rule when conducting its cost-benefit analysis.

It is indisputable that, but for the ancillary benefits related to greenhouse gas emissions, the costs of the Venting and Flaring Rule far outweigh its benefits. *E.g., Wyoming*, 2017 U.S. Dist. LEXIS 5736, at *32-34. When a court considers the validity of an agency's cost-benefit analysis, its role is limited to determining "whether the decision was based on a consideration of the **relevant** factors and whether there has been a clear error of judgment." *Ctr. for Auto Safety v. Peck*, 751 F.2d 1336, 1342 (D.C. Cir. 1985) (emphasis added). Any ancillary benefits related to greenhouse gas emissions are **irrelevant** when the Bureau considers the costs and benefits of a

1 **waste prevention** rule. It necessarily follows that the Venting and Flaring Rule was unjustified,
 2 and that the Bureau acted properly when it promulgated the Revision Rule.

3 In *Michigan v. EPA*, the United States Supreme Court considered a challenge to
 4 regulations governing the emission of hazardous air pollutants by power plants under the Clean
 5 Air Act. --- U.S. ---, 135 S. Ct. 2699, 2711 (2015). Under the Clean Air Act, the EPA can regulate
 6 power plants only if “regulation is appropriate and necessary.” 42 U.S.C. § 7412(n)(1)(A).
 7 Having estimated some \$9.6 billion per year in regulatory costs, EPA nonetheless refused to
 8 consider cost in its calculus. *Michigan*, 135 S. Ct. at 2705-06. The Court invalidated EPA’s rule
 9 because the EPA misinterpreted its duty to consider cost under the statute. *Id.* at 2712. But the
 10 Court left open the question of whether an agency can rely on ancillary benefits when deciding
 11 whether to adopt a regulation. *Id.* at 2711. The Court’s opinion in *Michigan v. EPA* and the
 12 Venting and Flaring Rule show why the answer to this question must be **no**.
 13

14 The Supreme Court first observed that “agency action is lawful only if it rests ‘on a
 15 consideration of the relevant factors.’” *Id.* at 2706 (quoting *Motor Vehicle Mfrs. Ass’n of U.S., Inc. v. State Farm Mut. Auto Ins. Co.*, 463 U.S. 29, 43 (1983) (internal quotation marks omitted)).
 16 The Court then turned to the statutory text, noting that “‘appropriate’ is ‘the classic broad and all-
 17 encompassing term that naturally and traditionally includes consideration of all the relevant
 18 factors.’” *Id.* at 2707 (citing *White Stallion Energy Ctr., LLC v. EPA*, 748 F.3d 1222, 1266 (D.C.
 19 Cir. 2014) (Kavanaugh, J., concurring in part and dissenting in part)). Although the term leaves
 20 some discretion, “an agency may not ‘entirely fail[] to consider an important aspect of the
 21 problem’ when deciding whether regulation is appropriate.” *Michigan*, 135 S. Ct. at 2707 (citing
 22 *State Farm*, 463 U.S. at 43).

23 The Court concluded that cost was an important aspect of the problem. *Id.* (“One would
 24 not say that it is even rational, never mind ‘appropriate,’ to impose billions of dollars in economic
 25

1 costs in return for a few dollars in health or environmental benefits.”). In fact, cost-benefit
 2 analysis is a central part of the administrative process:

3 Agencies have long treated cost as a centrally relevant factor when deciding
 4 whether to regulate. Consideration of cost reflects the understanding that
 5 reasonable regulation ordinarily requires paying attention to the advantages *and*
 6 the disadvantages of agency decisions. It also reflects the reality that “too much
 7 wasteful expenditure devoted to one problem may well mean considerably fewer
 8 resources available to deal effectively with other (perhaps more serious)
 9 problems.” Against the backdrop of this established administrative practice, it is
 10 unreasonable to read an instruction to an administrative agency to determine
 11 whether “regulation is appropriate and necessary” as an invitation to ignore cost.

12 *Id.* at 2707-08 (internal citation omitted). In the end, cost must be balanced against benefit
 13 because “[n]o regulation is ‘appropriate’ if it does significantly more harm than good.” *Id.* at
 14 2707.

15 After concluding that the EPA must consider the costs of its regulation, the Court noted
 16 that some parties urged it to uphold the regulation because the rule’s ancillary benefits exceeded
 17 its costs. *Id.* at 2711. Those benefits included reductions in power plant emissions of particulate
 18 matter and sulfur dioxide, substances that are not covered by the hazardous air pollutants program
 19 under which the rule was promulgated. *Id.* at 2706. The majority viewed the request with
 20 skepticism. *Id.* at 2711. However, because the EPA did not consider cost at all, the Court declined
 21 to decide whether the EPA could have considered those ancillary benefits in its cost-benefit
 22 analysis. *Id.*

23 Like the EPA in *Michigan*, the Bureau had to consider the costs and benefits of the
 24 Venting and Flaring Rule because it may only require lessees to “use all **reasonable** precautions
 25 to prevent waste of oil or gas developed in the land.” 30 U.S.C. § 225 (emphasis added). And it
 26 may only include lease “provisions for the purpose of insuring the exercise of **reasonable**
 27 diligence, skill and care in the operation of said property.” 30 U.S.C. § 187 (emphasis added). A
 28 regulation that imposes exorbitant costs on lessees in exchange for minimal benefits is

1 unreasonable, and therefore, arbitrary and capricious. *Michigan*, 135 S. Ct. at 2707 (“No
 2 regulation is ‘appropriate’ if it does significantly more harm than good.”).

3 In the Venting and Flaring Rule, the Bureau conducted a cost-benefit analysis. *Wyoming*,
 4 2017 U.S. Dist. LEXIS 5736, at *32-34. It showed that the rule only resulted in a net benefit if
 5 ancillary benefits were considered. *Id.* But they cannot be. While the Supreme Court refrained
 6 from directly answering this question in *Michigan v. EPA*, the answer must be that ancillary
 7 benefits cannot provide the primary justification for a regulation. Otherwise, agencies could use
 8 transparent pretexts, as the Bureau did in the Venting and Flaring Rule, to regulate matters
 9 outside the scope of their respective statutory authorities. Congress authorized the Bureau to lease
 10 public lands for oil and gas development, to collect appropriate royalties, and to do so using the
 11 principles of multiple use and sustained yield. While the Bureau can consider environmental
 12 impacts **to the public lands** when it chooses to regulate, there is nothing in any of the statutes
 13 empowering the Bureau to consider or work to address **global** climate change in the process.
 14 Congress gave the Bureau authority over public lands in the United States, not the Earth.
 15

16 Moreover, there are sound reasons why the Bureau’s regulatory authority is limited to the
 17 purposes outlined in the Mineral Leasing Act, FOGRMA, and FLPMA. Practically, the Bureau
 18 does not have the expertise to promulgate and enforce appropriate air quality regulations, and
 19 Congress has not provided the Bureau the necessary resources to do so. More importantly, if,
 20 when, and how to address global climate change is a political question that Congress must
 21 answer. If it does so, Congress may then delegate appropriate authority to federal agencies to
 22 implement its political determination. Until it does so, however, the Bureau “literally has no
 23 power to act,” and that limitation must necessarily extend to the consideration of benefits that are
 24 not related to the Bureau’s specific authority. *La. Pub. Serv. Comm’n v. FCC*, 476 U.S. 355, 374
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1 (1986). Accordingly, the ancillary benefits identified by the Bureau in the Venting and Flaring
 2 Rule were irrelevant to a proper cost-benefit analysis.

3 Absent the ancillary benefits identified by the Bureau, the Venting and Flaring rule was
 4 arbitrary and capricious. The rule likely would have cost more than double what it saves annually.
 5 In short, the rule failed the statutory test that the Bureau's regulations must be "reasonable"
 6 because it did more harm than good. *Michigan*, 135 S. Ct. at 2707 ("No regulation is
 7 'appropriate' if it does significantly more harm than good."). This fact is also self-evident from
 8 industry's decision not to implement these methane saving provisions itself. If the actions
 9 mandated by the rule actually resulted in more benefits than costs, industry would have a
 10 significant profit incentive to implement them. Accordingly, the Bureau acted properly when it
 11 issued the Revision Rule.

12 **2. The Bureau's consideration of the domestic "Social Cost of Methane" does
 13 not undermine the Revision Rule.**

14 The fact that the Bureau did consider ancillary benefits via the domestic "Social Cost of
 15 Methane" in the Revision Rule is of no import. The Bureau's ultimate conclusion was that the
 16 costs of the Venting and Flaring Rule outweighed the rule's benefits. (ECF_123 at 39). If the
 17 Bureau had declined to consider the ancillary benefits of the Revision Rule, the difference
 18 between the costs and benefits would only have been starker. Accordingly, this Court should
 19 uphold the Revision Rule as a result.

20 **III. The Bureau complied with the National Environmental Policy Act prior to issuing
 21 the Revision Rule.**

22 The State of Wyoming adopts and incorporates by reference the federal Defendants'
 23 arguments related to the Bureau's compliance with the National Environmental Policy Act.
 24 (ECF_123 at 49-59).

1 **IV. Remedy**

2 For the reasons discussed above, this Court should uphold the Revision Rule. In the event
 3 that this Court rules in favor of the Advocacy Groups, this Court should refrain from vacating the
 4 Revision Rule and permit the parties to brief the issue of remedy. Simply vacating the Revision
 5 Rule makes no sense. Doing so would bring the Venting and Flaring Rule back into effect. This
 6 would force the regulated community to immediately begin to take steps to comply with that rule,
 7 even though it is manifestly clear that Wyoming and others will simply return to the District of
 8 Wyoming to obtain a merits ruling against this unlawful regulation. Indeed, that litigation is
 9 currently stayed pending just such an eventuality. *Wyoming v. U.S. Dep't of the Interior*, Case No.
 10 16-cv-285-SWS (D. Wyo. Aug. 23, 2019) (ECF_285). Such disruption is unnecessary and
 11 unwise. For these reasons, if this Court rules in favor of the Advocacy Groups, the Court should
 12 provide the parties with the opportunity to brief the issue of remedy.

13 **CONCLUSION**

14 For the reasons discussed above and in the federal Defendants' Memorandum in Support,
 15 the State of Wyoming respectfully requests that this Court uphold the Revision Rule and grant the
 16 Defendants' motions for summary judgment.

17 Respectfully submitted this 26 day of August, 2019.

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